

Fig. 1

Polymeric electrolyte (weight percent)	Storage duration, days		
	0	1	5
	R_p^* , Ohm·cm ²	R_p , Ohm·cm ²	R_p , Ohm·cm ²
PVC:PC:LiClO ₄ (16.1:80.4:3.5)	185	2079	>2500
C-PVC:PC:LiClO ₄ (16.1:80.4:3.5)	362	-	893
C-PVC:PC:LiPF ₆ (15.1:75.6:9.3)	95	111	299

* R_p – resistivity of the passivating layers formed on the lithium surface

Fig. 2

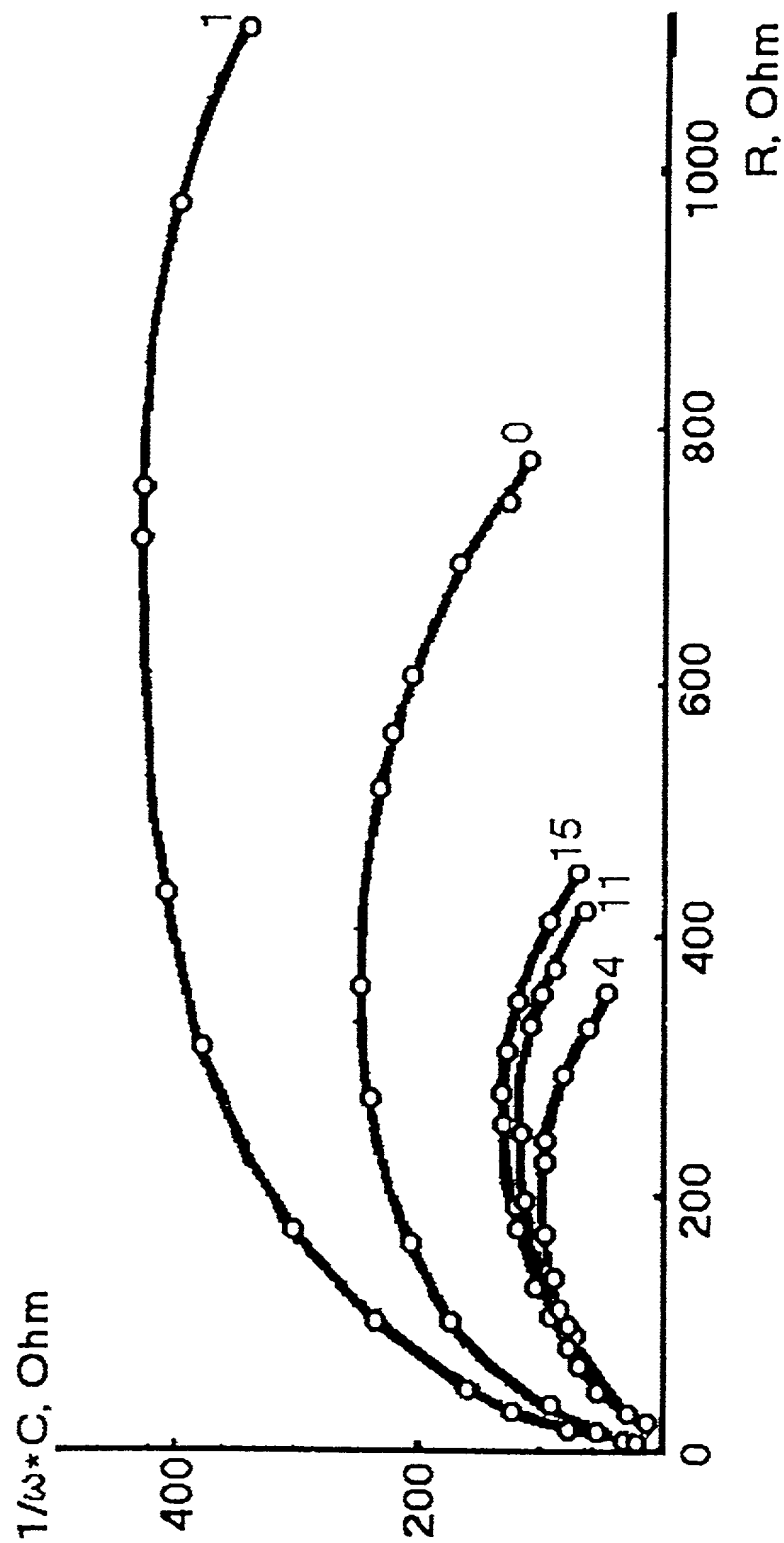


Fig.3

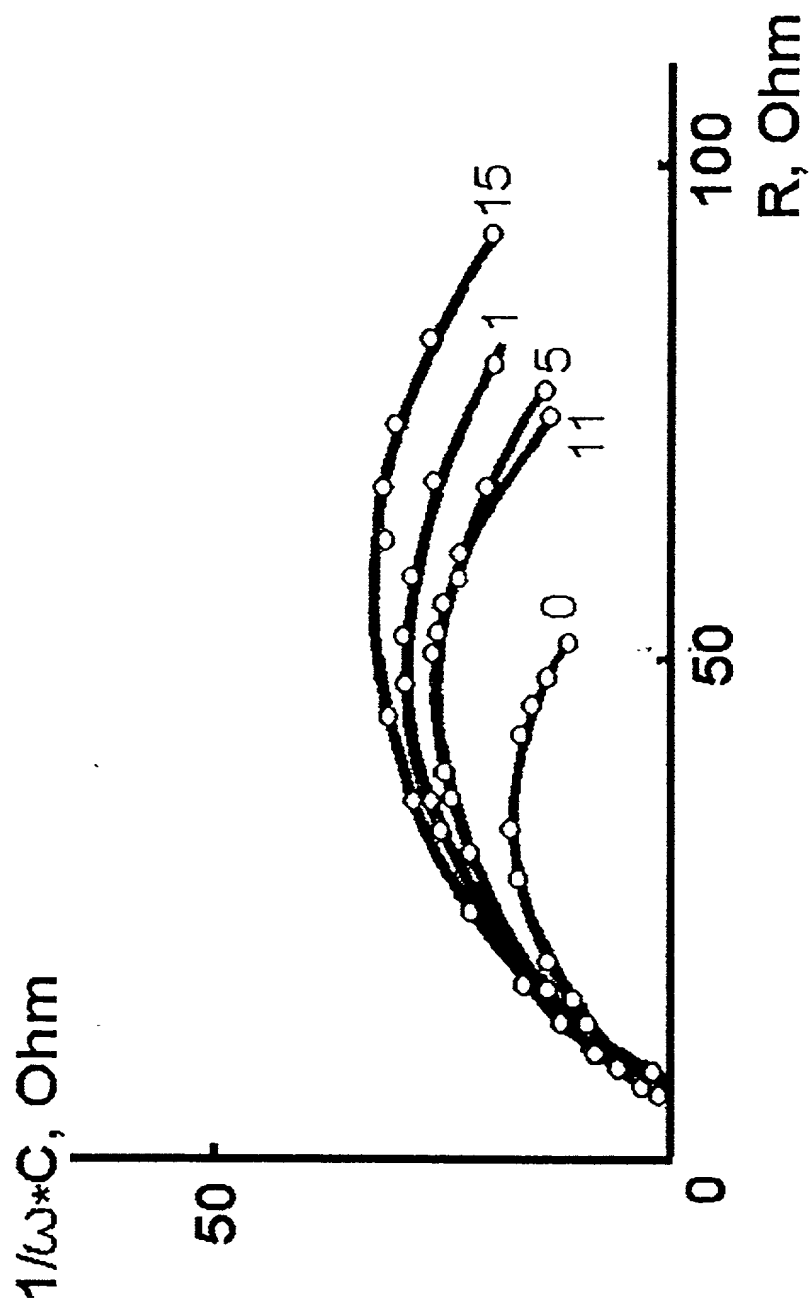
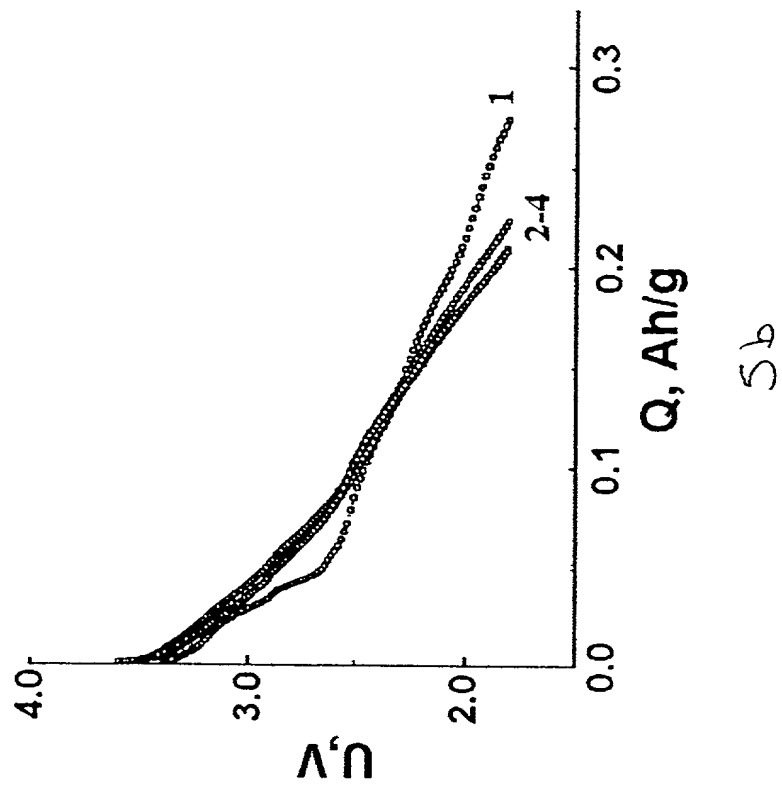
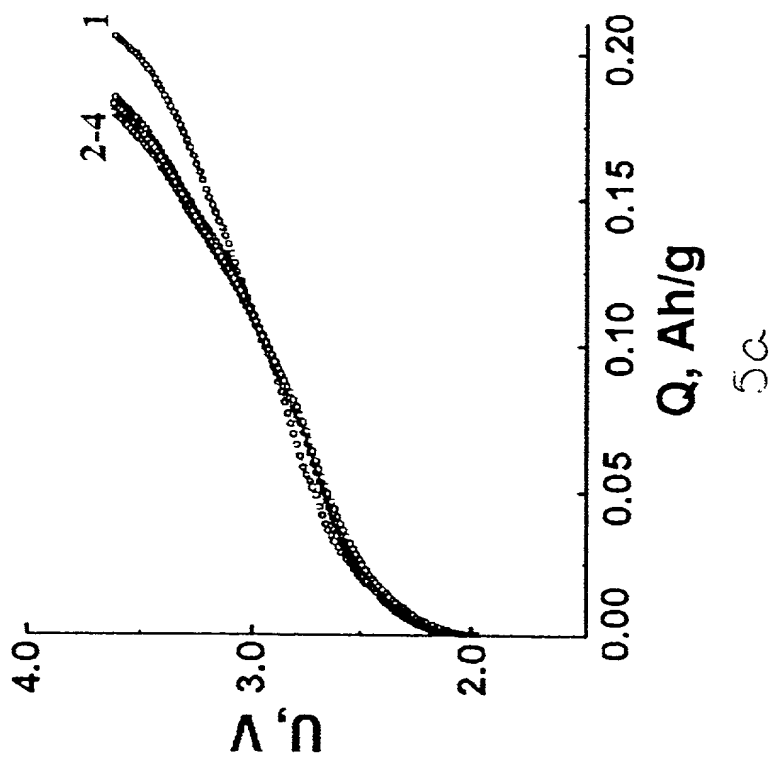
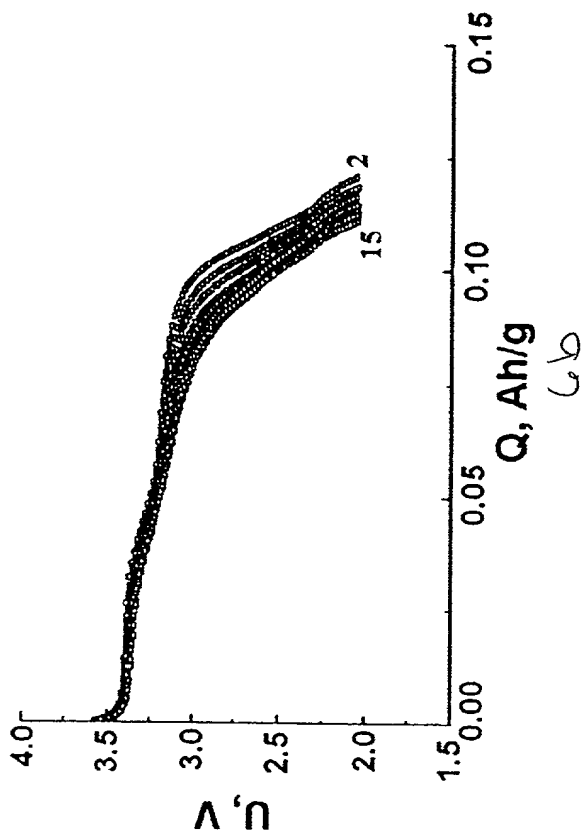
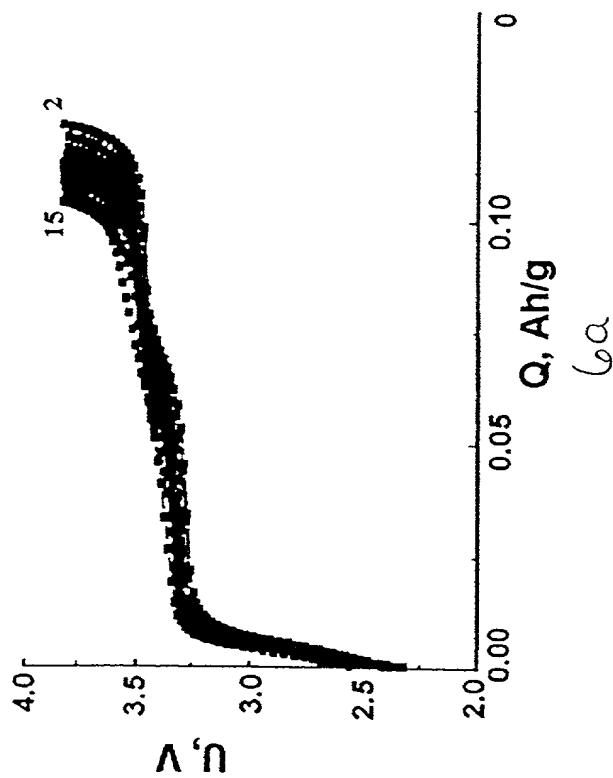


Fig. 4





Number cycle	Discharge capacity, mAh/g (MnO ₂)
2	122
5	119
10	123
15	112
20	107
23	108

Fig.7

Number cycle	Discharge capacity, mAh/g (LiMn_2O_4)
2	131
5	127
10	132
15	122
20	112
25	123

Fig. 8

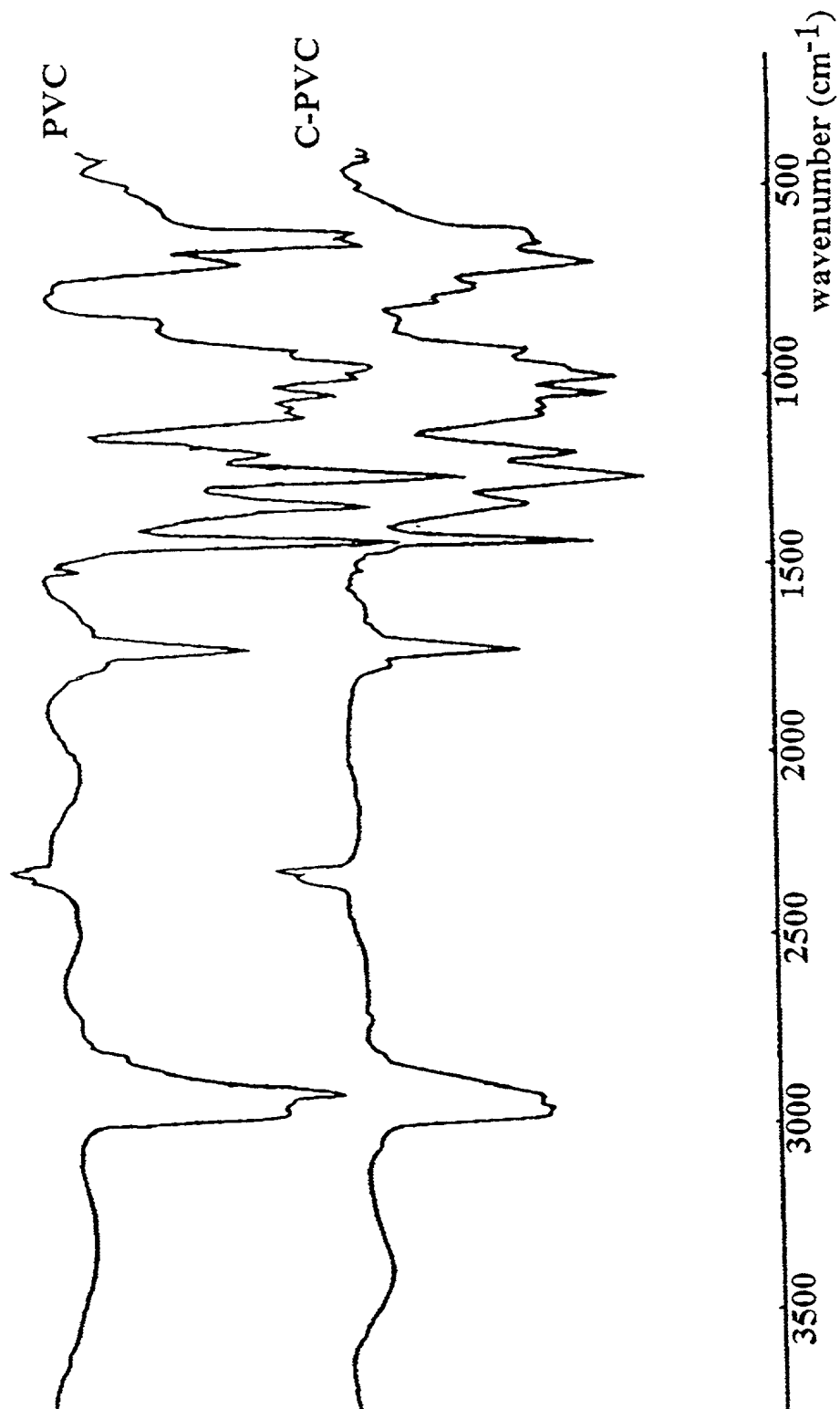


Fig. 9